OFFICE OF CENTRAL INSPECTION PLAN REVIEW CHECKLIST (Rev. 12-1-04)

PRO	JECT NAME
	JECT ADDRESS
	JECT NUMBER
APPI	ICABLE CONSTRUCTION CODES OF THE CITY OF WICHITA:
	International Building Code.
	National Electrical Code .
	Uniform Plumbing Code.
	International Mechanical Code.
	International Fire Code.
	ricans with Disabilities Act.
	ied Zoning Code.
	Housing Act.
	nita Existing Buildings Rehab and Change of Use Code.
	dscape Ordinance.
*Code	e of the City of Wichita.
CEN	NERAL:
<u>GE</u>	CERAL.
	<u>Plan Submittal Information</u> - Verify that the applicant has provided the completed plan submittal information sheet.
	Additional Site Plans - Verify that the applicant has submitted the required number of site plans to cover all those required for
	the following:
	Impervious area - Verify that this plan includes the necessary calculations for impervious areas. Place the site plan in the
	bottom drawer of the file cabinet at the commercial permit desk.
	Sewer Maintenance- Copies for Sewer Clerk use.
	<u>Location / Key plan</u> - Verify that the plans have a location/key plan to adequately convey the location on the work to be done. <u>Address</u> - Verify that the proper address and/or suite number will be located on the building.
	Architect / Engineer Seal - Verify that the plans bear the seal of a Kansas licensed Architect or Engineer. Verify that the
	appropriate Engineer seals structural, electrical, mechanical, and plumbing plans. The seals must be signed and dated.
SITI	E REVIEW:
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	Zoning - Verify that the zoning is proper for the proposed use.
	Supplemental use regulations Check these regulations for applicability.
	<u>Distancing Requirements-</u> Verify required distance requirements for carwashes, liquor stores, DE, taverns, escort, night clubs,
	etc.
	Fencing- Verify City Code requirements for fencing around outdoor drinking areas.
	<u>Subdivision</u> - Verify that the subdivision regulations are complied with. Certificate of land - If required, the owner shall provide the required letter.
	30% increase - Verify that the new building does not exceed 30% of the floor prior to the dates shown in the subdivision
	regulations, or verify that a valid recorded plat exists.
	Lot Split - Verify that the property has an approved lot split if required.
	Boundary Shift - Verify that a boundary shift has been approved if required.
	Platting - Verify that new plats are approved and recorded.
	Historic - Verify that the project is not listed as a historic structure, is not in a historic district or within 500 feet of an historic
	structure, and not within the Old Town overlay. Planning Department approval is required for projects in these areas. Verify the structure's exterior and/or interior is not protected.
	Delano Overlay district. Verify that the project complies with these special districts.
	Drainage - Verify that the site drainage meets the drainage policy of Engineering including the following:
	On site drainage required for sites where storm water drainage systems are available

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	On site drainage required for car washes.
	No site drainage to an unpaved alley.
	No site drainage over public or adjoining properties.
	No site drainage through surface flumes to streets.
	Verify if an approved drainage plan exists with the plat.
	Deeter curb drain compliance with Public Works policy.
	Storm Water Utility - Verify if the project is required to be forwarded to Storm Water Utility for approval. If approval is
	required, a site plan and "Storm Water Quality Compliance Statement" is required from the owner, addressed to the storm water
	Engineer and forwarded to the Sewer Clerk for processing.
	<u>Curb Cuts</u> - Verify that curb cuts and approaches are in the proper location and meet the design requirements of the City of
	Wichita.
	Access Management policy- Verify that new/existing drive approaches meet these standards.
	Approaches not in this jurisdiction—Check for approaches to County roads, or roads Stated owned (Broadway from 47th,
	south. On 47th from 235 to Broadway). Also Kellogg.
	NPDES - Verify that the contractor has submitted a copy of the state NPDES permit approval for sites with one or more acre of
	disturbed ground.
	Best Management Practices - Verify that "Best Management Practices" statement is included in the write-up for projects that
	have any ground disturbed.
	Flood Plain - Verify that the project is not in any of the following areas:
	Local flood plain. (see plat).
	Federal flood plain.
	Federal flood way.
	Ponding area.
	Kellogg Highway Project - Verify that the project is not in the property acquisition area for the Kellogg highway project.
	Forward the project to Public Works for approval.
	Landscaping - Verify if the project falls under the requirements of the Landscape ordinance, and that the site plan will allow
	placement of landscaping as shown on the approved landscape plan.
	CUP - Verify the applicable landscape requirements of the CUP.
	Landscape ordinance.
	Required residential landscape buffer.
	Verify that valuations and areas of additions and remodels do not exceed that which would require compliance for existing
	structures (see Unified Zoning Code).
	<u>Setbacks</u> - Verify that the required zoning, platted and CUP/PUD/PO setbacks are met.
	Footings and eaves cannot extend over the property line, or into easements.
	Verify that no traffic site obstructions are created.
	Verify that all features of the plat or lot split are shown on the site plan.
	Verify other items do not encroach into any easements.
	Site Utility Plan - Verify that a site utility plan has been submitted for new buildings and additions.
	Verify building has only one electrical service or meets 2002 National Electrical Code exceptions.
	Verify gas service does not extend under any portion of the building.
	<u>Compatibility Setbacks</u> - Verify that all zoning compatibility setbacks and heights from residentially zoned property are met.
	<u>CUP</u> - Verify the existence of a CUP and verify that all of the provisions of the CUP are met.
	<u>CUP adjustments.</u> Verify that the CUP has been adjusted for lot splits, approach vacations, setbacks, etc.
	<u>Protective overlay-PUD-DR-CU-BZA-</u> Verify the existence of these and all requirements of them.
	Screening - Verify that the following requirements for screening are met:
	Parking lot.
	From residentially zoned property.
	Roof top units.
	Trash enclosures.
	Loading docks.
	Site Lighting - Verify that the site lighting meet the zoning requirements from residentially zoned property.
	Airport Hazard overlay
	McConnell overlay.
	Airport height map for aeronautical study.
	Airport hazard map.
	Parking - Verify that the parking meets all of the Provisions of the City Parking Standards.
_ _	Additions: greater than 10% of the existing floor area. (See Unified Zoning Code).
	Remodel: greater that 50% of existing valuation. (See Unified Zoning Code).
	Number of required stalls.
	Size of stalls.

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	Size of circulation aisles.
	Loading dock location, dimensions and maneuvering space.
	Is parking allowed in the setbacks?
	Are parking barriers required at the property lines?
	Verify adequate vehicle queuing spaces where applicable.
	Verify that off site parking is located within 600 feet.
	Loading space requirements.
	<u>Signs</u> - If the project indicates installing a sign, include in the write up that a separate permit will be required prior to installing
	the sign.
	Sanitary Sewer Review - Verify that there is sewer available for the site and whether there will be any equity fees assessed.
	Verify that no construction will encroach into any sewer easements over any public sewer lines.
	Sewer Books- Look up site in both sanitary and storm sewer books and Geozone to assure no lines are being built over and
	verify easements.
<u>BU</u>	ILDING REQUIREMENTS:
	Wichita Code for Existing Buildings applicable? Review for these requirements/allowances.
	Building Area - Verify that the building is within the allowable square footage for the proposed use and type of construction.
	Total allowable square feet.
	Actual square feet per floor.
	Mixed ratio calculations.
	Assumed property line. 503.1.3. Area Separation walls (fire walls 705) - Verify that any area separation (fire walls) comply with the code for the following:
	Correct hour rating.
	Termination.
	Width of openings.
	Opening protection. 714
	Opening protection. 714 Duct penetrations /dampers.
	Horizontal projecting elements.
	Buildings of different heights.
	Misc. penetrations.
	Approved design details.
	Structural independence
	Occupancy Separation (fire barrier walls706/horizontal assemblies 710) - Verify if any occupancy separation/fire barrier
	walls are required and that the code requirements for the following are met:
	Correct hour rating.
	Terminations.
	Width of openings as applicable.
	Opening protection. 714
	Duct penetrations /dampers.
	Misc. penetrations.
	Approved design details.
	rated support for assemblies.
	Non-separated use apply?
	Dwelling unit separation-310.3 (fire partitions 708 or horizontal assemblies 710)
	<u>Incidental Use Separations. (fire barrier 706).</u>
	Fire barrier/fire partition window requirements 714.3.6
	Type of Construction - Verify that all details reflect the required type of building construction.
	Interior wall schedule.
	Treated wood where required.
	<u>Under floor Areas</u> - Verify the requirements for under floor areas are met.
	Earth to wood clearances.
	Crawl space ventilation.
	Crawl space access opening.
	Height and Number of Stories - Verify that the height and number of stories meet the building code and zoning code
	requirements.
	<u>Proposed Use and Occupancy Classifications</u> - Verify the proposed use so that the building can accurately be classed into one of the Occupancy classifications
	of the Occupancy classifications.
	Mixed occupancy.

Checklist Page 4 Occupancy separations. Boiler room separation requirement. Specific Occupancy Requirements - Review the specific occupancy requirements to verify that all requirements are met. Change In Use or Occupancy Class - Verify if any change in use or occupancy has occurred and that all code requirements are met for this new use, including rehabilitation code requirements. **Exiting -** Verify that all the provisions of the exiting requirements have been met: Number of exits. ____ Required exit width. ____ Minimum exit separation. Maximum travel distance. Exits through adjoining rooms. ___ Horizontal exits. Verify that omission of any one exit will not reduce required exit capacity to less that 50%. ___ Changes in floor elevation. Common path of egress travel ____ Miscellaneous means of egress (section 1007) ____ Verify that all occupants have access to all exits. _____ Review the exiting system for any special exiting requirements based on occupancy. Ceiling height. Corridors (Fire partitions 708) - Verify that corridors and halls meet all code requirements: Required width. No dead-end corridors or halls. (check length to width ratio). ___ One-hour protection and misc. penetrations for corridors. 20-minute doors and frames for corridors. 714 45-minute windows for corridors.714 ___ No electrical panels in the corridor. ____ Smoke and fire dampers for corridors. Fire partition requirements (708) Exit Passage Ways and Stair Enclosures (Fire barrier walls 706) - Verify that exit passageways and stair enclosures meet all code requirements. No access to unoccupied areas from enclosures. **Exit Doors** - Verify that all code requirements for exit doors are met: Required door hardware- panic, lever, specialty. Landings at doors. Door swing and width. Exit Signs - Verify placement. Emergency Lighting - Verify spacing and location. **Stairways** - Verify that the stair details reflect all code requirements: Minimum width. Rise / run. Landings. Handrails. Guardrails (42 inch high, see code exceptions). Barriers from basements. Exterior wall and opening protection at stairs. ____ Usable space under stairs. ____ Maximum vertical rise between landings. Headroom. <u>Guards</u> - Verify that all elevated floor areas meet the guardrail requirements as well as open sides of stairs (42" reqd.). **Egress Windows** - Verify that required egress windows meet the proper size and height. Shaft Protection - Verify the requirements for protection at shafts for exiting, elevators, dumbwaiters, mechanical equipment, vents, clothes chutes, etc., meet all of the requirements for: Required fire resistive construction. ____ Extent of enclosures. Protection of openings into the shaft.

<u>Minimum Plumbing Fixtures</u> - _____Verify that the minimum plumbing fixture count is provided.

<u>Standpipes</u> - Verify if the building will require the installation of standpipes. **Occupant Load** - Post the room capacity if the occupant load is over 50.

Automatic Sprinkler Systems - Verify if the building will require an automatic sprinkler system.

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Verify need for a unisex for 6 or more water closets.
Verify ADA 36" stall for more than 6 water closets (4.22.4 ADA).
Drinking fountains.
 Employee letter - Request employee verification letter if necessary, stating the maximum number of employees (more than 15
employees for separate facilities).
 Exterior Protection -table 602-table 704.8 Verify the need for the following:
Exterior rated walls.
Rated openings.
Parapets.
Rated projections.
Vertical separation of openings 704.9/704.10.
 <u>Interior Protection</u> - Verify that all interior rated assemblies meet the fire resistive requirements of the code.
 <u>Fire Stop</u> - Verify the proper location for any required fire stops.
 <u>Draft Stops</u> - Verify the proper location for any required draft stops.
 Smoke and Heat Vents
 <u>Design Loads and Structural Plans</u> - Verify that the plans show the following:
Floor load.
Roof load.
Exit facility/stair design loads.
Ground snow load
Wind and exposure loads.
Seismic design category and site class.
Verify that the footings are minimum 24 inches deep for the frost line.
Verify that adequate structural details are shown.
Sealed details for masonry screen walls.
 Smoke and Fire Dampers - Verify the location and type of all required smoke and fire dampers.
 <u>Veneer</u> - Verify that all veneer requirements are met for weather barriers and attachments.
 <u>Ventilation/Exhausts</u> - Verify that proper ventilation and makeup air is provided to meet the requirements of the code.
Bathrooms and laundry rooms.
Parking garages.
Flammable liquid areas.
Natural Openings or mechanical cfm requirements.
Spray rooms and hazardous areas.
 <u>Cooking Hoods</u> - Verify the need for type I or Type II hood and that proper rated shaft and construction details are shown.
Product conveying ducts - outlets and terminations.
Interlocked makeup air for exhausts.
 Mechanical Unit Shut Down - Verify the air moving equipment over 2,000 cfm will be equipped with smoke detector shut
down as necessary.
 Gas Fired Equipment Location - Verify the gas fired equipment is not located in a prohibited location.
 Combustion Air - Verify the combustion air is shown for gas burning equipment.
 Access to Mechanical Equipment /water heaters- Verify that access and guardrails are provided for water heaters and
mechanical equipment as required by code.
 Protection of equipment- Verify that mechanical equipment located where vehicles may enter are protected from damage.
 Plenums - Verify the existence and proper construction of air plenums:
Exposed finish material. Peted corridors shall not be used as planums export as permitted by exportion. See 2000 International Machanical Code.
Rated corridors shall not be used as plenums except as permitted by exception. See 2000 International Mechanical Code. Returns- Verify no return air is taken from bathrooms or kitchens.
 Finish Material - Verify the proper flame spread and smoke developed rating for all required materials.
 Carpet on walls.
Other textiles.
Other textures Interior floor finishes
Vertical exit, exit passage way, corridors floor finishes
Restroom Finishes - Verify that the finishes are hard, nonabsorbent materials (See IBC for exceptions).
 Restroom floors.
Restroom walls.
<u>Usable Space Under The First Floor</u> - Verify the protection of storage space under the first floor meets the requirements of the
 code. (IBC chapter 4).
Glazing - Verify the location of all required safety glazing, making sure that plans specify safety glass in those areas.
 Elevator - Verify that the elevator installation details meet the requirements of the elevator code and building code.
 Elevator lobbies and rating.

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	Hoist way venting.
	Elevator in Public facility (required by ADA).
	Sump, pump and discharge lines (no connection permitted to sanitary or storm sewer).
	Mezzanine - Verify that the mezzanines meet all code requirements.
	Roof Construction and Coverings - Verify that roof construction meets all code requirements.
	Roof drains and scuppers.
	Overflow drains.
	Class of roofing required.
	Roof ventilation.
	Skylight requirements.
	Attic access.
	Foam Plastic Insulation - Verify that code requirements are met for foam plastic insulation.
	Swimming Pools and spas - Verify that any swimming pools or spas meet the code requirements.
	Health department review.
	Required fence.
	Mud and Oil Traps - Verify that areas inside a building where vehicles will be operated or may enter, that are equipped with
	floor drains, have mud and oil traps meeting City design standards.
	Exterior DWV- Verity that there are no open exterior DWV openings that connect to the sanitary sewer system.
FO	OD SERVICE:
10	OD BERVICE.
	<u>Health Department Review</u> - Verify that the Health Department has reviewed and approved the plans for any work involving
	food service establishments.
	Grease Interceptors - Verify the requirements for the installation of a grease interceptor.
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	Fire Extinguishers - Verify that the proper fire extinguishers will be installed.
	NFPA Placards - Verify the need for NFPA placards.
	<u>Key Box</u> - Verify the need for the installation of a fire department Knox box.
	Gate Access- Verify gate widths, S.O.S, Knox Lock, etc.
	Type I Hood Extinguishing System - Verify that the type I hoods will be equipped with a fire suppression system and that the
	proper plans will be submitted to the fire department.
	<u>Fire Alarm</u> - Verify the need for a fire alarm and verify that the proper plans will be submitted to the Fire department.
	Automatic Fire Extinguishing System - Verify the requirements for an automatic fire extinguishing system and that proper
	plan will be submitted to the Fire Department.
	Building Sprinkler connection- Verify Fire Department connection is located within 150 feet of a fire hydrant.
	Smoke Detectors - Verify that smoke detectors are installed in the proper locations.
	For doors.
	For elevators.
	In atria.
	In duria In dwelling units.
	In group E occupancies.
	In guest rooms.
	In high-rise buildings.
	In hospitals and nursing homes.
	<u>Interior Access</u> - Verify that the building has access openings around the perimeter of the building per code.
	Exterior Fire Department Access - Verify that the project has the required paved fire department vehicle access to within 150
	of all points of the building (200 feet for a sprinkled building), and turn around areas as needed.
	<u>Hazardous Materials</u> - Review all MSDS sheets and verify any requirements for the following areas:
	Flammable liquids.
	Toxins.
	Welding.
	Combustible dust.
	Storage.
	Tanks.
	<u>High Piled Combustible Stock</u> - Verify the type and height of combustible storage.

]	Fire Hydrants - Verify that the building has a fire hydrant:
_	Within 400 feet as measured along an approved route (500 feet for sprinkled building).
_	Verify Fire Department connection for a sprinkled building is located 150 maximum from a hydrant.
	Special Hazards- Verify code requirements for 18" spark requirements, NEC section 511 for repair occupancies, etc.
ľ	Medical gas- Verify Fire Code requirements for medical gas and require engineer sealed plans for the system. Refere
I	Department approval.
	ESSIBILITY GUIDELINES:
]	IBC chapter 10 accessible means of egress.
	20% - Verify the requirements of disproportionality under ADA has been met.
1	Accessible Parking - Verify that the required number and design of accessible parking has been met.
_	Size of accessible parking and access aisle.
_	Proper sign and mounting height.
_	Slope of the parking surface and access aisle.
_	Location of stalls.
I	Accessible Route - Verify that accessible routes meet ADA.
_	Maximum slope in direction of travel of 1:20 or complying ramp.
_	Cross slope of maximum of 1:50.
_	Complying door thresholds and floor elevations on each side of the door.
	Accessible Entrances and Exits - Verify that the building meets the requirements for number of accessible entrances a
	Exterior Path of Travel - Verify that exterior path of travel exists for all required exits.
	Interior Path of Travel - Verify that the interior circulation system meets all of the requirements ADA.
	Maneuvering Space at Doors - Verify that all doors have the required maneuvering space.
	Elevators - Verify if elevators are required and if so that they meet all ADA requirements. City facilities require eleva
	Stairs and Handrails - Verify that stairs and handrails that are required to be accessible meet all ADA requirements.
	Area of Rescue Assistance - Verify that areas of rescue assistance meet all ADA requirements.
	<u>Telephones</u> - Verify that the telephones meet accessibility requirements.
	Restrooms - Verify that details and elevations are provided to indicate that all restrooms are accessible.
	Drinking Fountains - Verify that drinking fountains meet all ADA requirements for those in a wheelchair and for those
	may have difficulty bending and stooping.
	Break room sink heights/accessibility- Verify this requirement.
	<u>Protruding Objects</u> - Verify that protruding objects meet all requirements of ADA. <u>Curb Ramps</u> - Verify that curb ramps meet all requirements of ADA and are not located in the clear aisle for the access
-	parking stall.
-	Ramps - Verify that all ramps meet the requirements of ADA.
	Hardware - Verify that all door hardware is accessible.
-	Alarms - Verify that all alarm systems meet the requirements of ADA.
	Signage - Verify that all accessible signs meet the requirements of ADA.
	Customer Service Counters - Verify that at least one counter at each sales/ transaction location is accessible.
	Dressing Rooms - Verify that at least one dressing room for each sex and at each location is accessible per ADA.
	Restaurants/Cafeterias - Review all requirements for this special occupancy.
-	Medical Care Facilities - Review all requirements for this special occupancy.
	Business and Mercantile - Review all requirements for this special occupancy.
	Libraries - Review all requirements for this special occupancy.
	Accessible Transient Lodging - Review all requirements for this special occupancy.
	Assembly occupancies—seating, listening devises, etc.
	Self service storage requirements from the IBC- Verify these requirements.
	Fair Housing Act - Verify that all requirements of the Fair Housing Act are met where applicable.
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